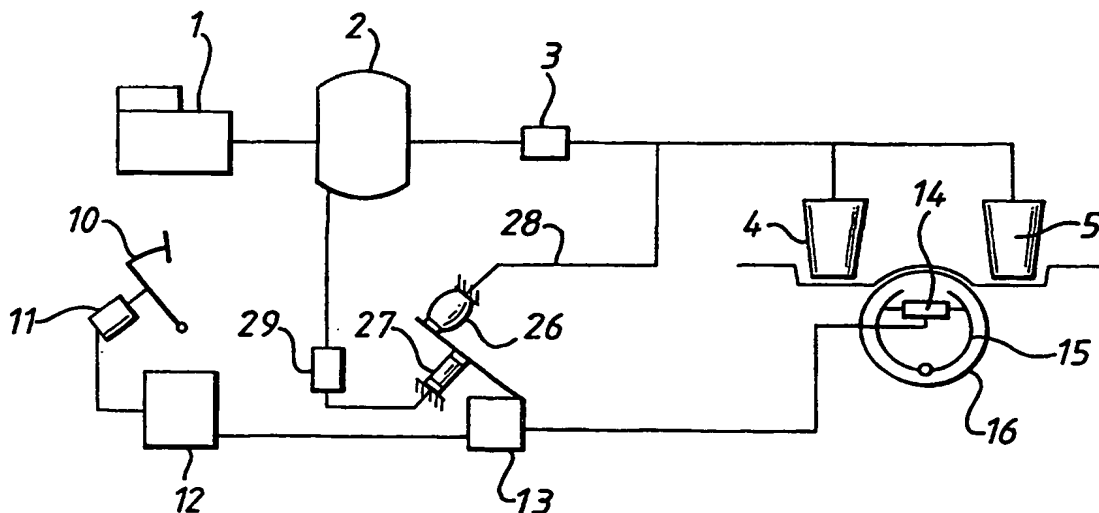




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(54) Title: LOAD SENSING SYSTEM



(57) Abstract

There is described a vehicle having a body suspended on one or more axles by means of gas-filled suspension units (4), the vehicle being provided with means (3) to vary the pressure within the suspension units to control the spacing between the body and the axle or axles and a braking system supplying a brake fluid to braking actuators (14) operable to brake the vehicle's wheels, and further comprising a load sensing valve (13, 35) operable to apply a variable throttling effect to impede the flow of brake fluid to the braking actuators, characterised in that the throttling effect of the load sensing valve is varied by a control means (25-28,31) responsive to the pressure within the gas-filled suspension units.